

AMENDMENTS TO THE SPECIFICATION:

Please replace paragraph number 40 of the application with the following amended paragraph:

[0040] In one embodiment, the seal assembly 147 comprises a first annular flat packing seal 147A made of nylon, for example, having an outer edge 147A1 in sealing contact with the wall of the counterbore 148 and an inner edge 147A3 in sliding sealing contact with the pin 141. This seal is effective for sealing at relatively low pressures (e.g., up to 800-1000 psi). The seal assembly 147 also includes a cup seal 147B which in one embodiment is made of 92 (± 5) Shore A polyurethane effective for sealing at higher pressures (e.g., up to 10,000 psi). The cup seal 147B is disposed below the packing seal 147A and, as shown in Fig. 4B, includes an annular base 147B1 in face-to-face with the packing seal 147A, an outer rim 147B2 projecting down from the base and having an outer surface 147B3 in sealing contact with the wall of the counterbore 148, and an inner hub 147B4 spaced inward from the rim and having an inner surface 147B5 in sliding sealing contact with the pin 141. The packing seal 147A and the cup seal 147B are commercially available from Sealtite Corporation of St. Louis, Mo., for example. When used in combination, the two seals 147A and 147B function to effectively seal against the leakage of lubricant from the measuring chamber 27 at high and low pressures. The two seals 147A and 147B may be press fit in the counterbore 148.